

**Science 10-Electricity & Magnetism**

**Activity 6**

**Worksheet on Ohm's Law**



          
**10**

|   |
|---|
| Name _____  |
| Due Date _____  |
| Show Me <input type="checkbox"/> Hand In <input type="checkbox"/> |
| <i>Correct and Hand In Again By</i> _____                         |

- Write the three forms of the equation for **Ohm's Law**.
  
- A certain light bulb has a resistance of 100  $\Omega$ . If a current of 1.2 A is going through it, calculate the **voltage** applied.

Answer \_\_\_\_\_volts

- A voltage of 120 volts is applied to a 200  $\Omega$  resistor. Calculate the **current** through the resistor.

Answer \_\_\_\_\_A

or \_\_\_\_\_mA